

SEQUENCE LISTING

<110> Margolis, David M.
 Romerio, Fabio
 Coull, Jason J.

<120> HIV TRANSCRIPTION REPRESSOR COMPLEX AND COMPOSITIONS AND METHODS
 BASED THEREON

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<140> US 09/611,949
 <141> 2000-07-06

<150> PCT/US98/00574
 <151> 1998-01-13

<150> US 60/036,242
 <151> 1997-01-23

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<170> PatentIn version 3.3

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Pro Ala Glu Ile Val Glu Leu His Glu Ile Glu Val Glu Thr Ile Pro	
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His Gly His Ala Gly His His His His His His His His His His His	
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Pro Lys Gln Leu Ala Glu Phe Ala Arg Met Lys Pro Arg Lys Ile Lys	
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Glu Asp Asp Ala Pro Arg Thr Ile Ala Cys Pro His Lys Gly Cys Thr	
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Asn Leu Arg Thr His Val Arg Ile His Thr Gly Asp Arg Pro Tyr Val	
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Cys Pro Phe Asp Gly Cys Asn Lys Lys Phe Ala Gln Ser Thr Asn Leu	
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Lys Ser His Ile Leu Thr His Ala Lys Ala Lys Asn Asn Gln	
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Tyr Ile Glu Gln Thr Leu Val Thr Val Ala Ala Ala Gly Lys Ser Gly
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 165 170 175

Gly Lys Lys Ser Gly Lys Lys Ser Tyr Leu Ser Gly Gly Ala Gly Ala
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Ala Gly Gly Arg Gly Ala Asp Pro Gly Asn Lys Lys Trp Glu Gln Lys
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Gln Val Gln Ile Lys Thr Leu Glu Gly Glu Phe Ser Val Thr Met Trp
 210 215 220

Ser Ser Asp Glu Lys Lys Asp Ile Asp His Glu Thr Val Val Glu Glu
 225 230 235 240

Gln Ile Ile Gly Glu Asn Ser Pro Pro Asp Tyr Ser Glu Tyr Met Thr
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Gly Lys Lys Leu Pro Pro Gly Gly Ile Pro Gly Ile Asp Leu Ser Asp
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Pro Lys Gln Leu Ala Glu Phe Ala Arg Met Lys Pro Arg Lys Ile Lys
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Glu Asp Asp Ala Pro Arg Thr Ile Ala Cys Pro His Lys Gly Cys Thr
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Lys Met Phe Arg Asp Asn Ser Ala Met Arg Lys His Leu His Thr His
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Ser Ser Lys Leu Lys Arg His Gln Leu Val His Thr Gly Glu Lys Pro

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 cct ctg gcc gac gaa gtg att gaa tcc ggg ttg gtg cag gac ttt gat 760

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Ala	Ser	Leu	Ser	Gly	Ile	Gly	Gln	Glu	Leu	Gly	Ala	Gly	Ala	Tyr	Ser	
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Met	Ser	Asp	Val	Leu	Ala	Leu	Pro	Ile	Phe	Lys	Gln	Glu	Glu	Ser	Ser	
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Cys	Ala	Ala	Thr	Ser	Pro	Ala	Val	Lys	Leu	His	Asp	Glu	Thr	Leu	Thr	
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Ser	Val	Phe	Ile	Gln	Val	His	Cys	Ile	Ser	Thr	Glu	Phe	Thr	Met	Arg	
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Lys Tyr Gln Pro Ser Tyr Glu Thr Thr Ile Leu Thr Glu Cys Ser Pro			
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Trp Pro Glu Ile Thr Tyr Val Asn Asn Ser Pro Ser Pro Gly Phe Asn			
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Leu Thr Arg Asp Asp Val Ile Gln Ile Cys Gly Pro Ala Asp Gly Ile			
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Leu Thr Glu Lys Ile Ala Gln Leu Phe Ser Ile Ser Pro Cys Gln Ile			
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Ser Gln Ile Tyr Lys Gln Gly Pro Thr Gly Ile His Val Leu Ile Ser			
460	465 470		

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 Thr Met Lys Gln Glu Thr Asn Asp Ser Tyr His Ile Ile Leu Lys
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Gly Lys Leu Val Lys Ser Ile Phe Arg Val Val Phe His Asp Arg Arg
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Pro Gly Asp Arg Ile Leu Asp Ile Asp Ile Pro Met Ser Val Gly Ile
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Trp Asp Pro Ala Lys Arg Thr Ser Val Phe Ile Gln Val His Cys Ile
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Ser Thr Glu Phe Thr Met Arg Lys His Gly Gly Glu Lys Gly Val Pro
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Thr Glu His Leu His Ser Ala Ser Cys Gln Ile Lys Val Phe Lys Pro
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Lys Gly Ala Asp Arg Lys Gln Lys Thr Asp Arg Glu Lys Met Glu Lys
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Arg Thr Pro His Glu Lys Glu Lys Tyr Gln Pro Ser Tyr Glu Thr Thr
 260 265 270

Ile Leu Thr Glu Cys Ser Pro Trp Pro Glu Ile Thr Tyr Val Asn Asn
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Ser Pro Ser Pro Gly Phe Asn Ser Ser His Ser Ser Phe Ser Leu Gly
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Glu Gly Asn Gly Ser Pro Asn His Gln Pro Glu Pro Pro Pro Pro Val
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Ser Gly Ala Asp Leu Leu Lys Leu Thr Arg Asp Asp Val Ile Gln Ile

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 Glu Glu Leu Thr Ala Val Glu Leu Thr Glu Lys Ile Ala Gln Leu Phe
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 Gly Ile His Val Leu Ile Ser Asp Glu Met Ile Gln Asn Phe Gln Glu
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Arg Lys Met Glu Ile Tyr Arg Pro His Lys Ala Asn Ala Glu Glu Met
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Thr Lys Tyr His Ser Asp Asp Tyr Ile Lys Phe Leu Arg Ser Ile Arg
 65 70 75 80

Pro Asp Asn Met Ser Glu Tyr Ser Lys Gln Met Gln Arg Phe Asn Val
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Gly Glu Asp Cys Pro Val Phe Asp Gly Leu Phe Glu Phe Cys Gln Leu
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Ser Thr Gly Gly Ser Val Ala Ser Ala Val Lys Leu Asn Lys Gln Gln
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Thr Asp Ile Ala Val Asn Trp Ala Gly Gly Leu His His Ala Lys Lys
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Ser Glu Ala Ser Gly Phe Cys Tyr Val Asn Asp Ile Val Leu Ala Ile
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Leu Glu Leu Leu Lys Tyr His Gln Arg Val Leu Tyr Ile Asp Ile Asp
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Ile His His Gly Asp Gly Val Glu Glu Ala Phe Tyr Thr Thr Asp Arg
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Val Met Thr Val Ser Phe His Lys Tyr Gly Glu Tyr Phe Pro Gly Thr
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Gly Asp Leu Arg Asp Ile Gly Ala Gly Lys Gly Lys Tyr Tyr Ala Val
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Asn Tyr Pro Leu Arg Asp Gly Ile Asp Asp Glu Ser Tyr Glu Ala Ile
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Phe Lys Pro Val Met Ser Lys Val Met Glu Met Phe Gln Pro Ser Ala
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Cys Phe Asn Leu Thr Ile Lys Gly His Ala Lys Cys Val Glu Phe Val
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 Lys Ser Phe Asn Leu Pro Met Leu Met Leu Gly Gly Gly Tyr Thr
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